NOV 0 8 2006

## AMENDMENTS TO THE CLAIMS

3037406962

1. (Original) A compound comprising:

at least one epoxy group;

a melting point temperature that is less than 140°C; and

liquid crystallinity at a temperature greater than 150°C.

2. (Original) A composition comprising:

the compound of claim 1; and

- a filler having a coefficient of thermal expansion that is comparable to that of silicon.
- 3. (Withdrawn) A method comprising:

contacting a surface of a microelectronic device with the composition of claim 2; and

solidifying the composition on the surface.

4. (Withdrawn) A microelectronic device comprising:

a surface; and

a composition solidified on the surface by the method of claim 3.

5. (Original) The compound of claim 1, having the formula:

$$0^{-}(CH_2)_n 1^{-} \times 1^{-}Ar^{-} \times 2^{-}(CH_2)_n 1^{-}C$$

Atty Docket No. 42P18765 Application No. 10/815,607 wherein

Ar includes a liquid crystalline moiety selected from trans-stilbenediyl, triphenyl, 1,4-bis(phenoxycarbonyl)cyclohexdiyl, and diphenyl 1,4-cyclohexane-dicarboxylate;

 $X^1$  and  $X^2$  independently of one another are selected from oxygen, carbonyl, carboxyl, oxycarbonyl, and amine; and

n<sup>1</sup> and n<sup>2</sup> independently of one another are numbers selected from 4 to 6.

6. (Original) The compound of claim 1, having the formula:

$$Y^{1}_{O}(CH_{2})_{n}1_{X}1_{Ar}_{X^{2}_{O}}(CH_{2})_{n}2_{Y^{2}_{O}}$$

wherein

Ar includes a liquid crystalline moiety selected from trans-stilbenediyl, triphenyl, 1,4-bis(phenoxycarbonyl)cyclohexdiyl, diphenyl 1,4-cyclohexanedicaroxylate;

 $X^1$  and  $X^2$  independently of one another are selected from oxygen, carbonyl, carboxyl, oxycarbonyl, and amine;

Y<sup>1</sup> and Y<sup>2</sup> independently of one another are selected from oxygen, carbonyl, carboxyl, oxycarbonyl, and amine; and

n<sup>1</sup> and n<sup>2</sup> independently of one another are numbers selected from 4 to 6.

7. (Original) The compound of claim 1, having the formula:

wherein

X is selected from a C<sub>6-10</sub> aryl group and a C<sub>5-10</sub> alicyclic group;

each  $R^1$  is independently selected from hydrogen, halogen, and  $C_{1-3}$  alkyl optionally substituted with halogen, provided that not more than four of the  $R^1$  are  $C_2$  alkyl optionally substituted with halogen, and provided that not more than three of the  $R^1$  are  $C_3$  alkyl optionally substituted with halogen; and

each R<sup>2</sup> is independently selected from a C<sub>2-6</sub> epoxy.

8. (Original) The compound of claim 1, having the formula:

wherein

X is selected from a C<sub>6-10</sub> aryl group and a C<sub>5-10</sub> alicyclic group;

each  $R^1$  is independently selected from hydrogen, halogen, and  $C_{1-3}$  alkyl optionally substituted with halogen, provided that not more than four of the  $R^1$  are

Atty Docket No. 42P18765 Application No. 10/815,607 C<sub>2</sub> alkyl optionally substituted with halogen, and provided that not more than three of the R<sup>1</sup> are C<sub>3</sub> alkyl optionally substituted with halogen;

each R<sup>2</sup> is independently selected from a C<sub>2-6</sub> epoxy.

## 9. - 48. (Cancelled)

- 49. (New) The composition of claim 2, wherein the coefficient of thermal expansion of the filler is matched to that of silicon.
- 50. (New) The composition of claim 2, wherein the filler comprises one or more selected from silicon particles, silica particles, sand, quartz, silicon dioxide, and clay.
- 51. (New) The composition of claim 2, wherein a weight percent of the filler in the composition ranges from 50 to 95 wt%.
- 52. (New) The composition of claim 2, wherein the composition comprises an epoxy molding composition.
- 53. (New) The composition of claim 2, further comprising:
  - a curing agent;
  - a curing accelerator; and
  - a curing inhibitor.